BETTER BART. BETTER BAY AREA.

EMBARCADERO - MONTGOMERY CAPACITY PLAN & STATION MODERNIZATION

Project Purpose

Develop a phased implementation plan for improvements to modernize and accommodate the increasing number of riders at Embarcadero and Montgomery Stations.

Study Objectives

1. Understand the setting, concerns of stakeholders and BART riders, and the relationship of project elements and setting.

2. Explore the viability of project elements:
   - *New Side Platforms*
   - *Platform Screen Doors*
   - *Additional Elevator*
   - *Pedestrian Connection to Transbay Terminal*
   - *Direct BART-MUNI Transfer*

3. Identify implementation and phasing issues.

BART … and you're there.

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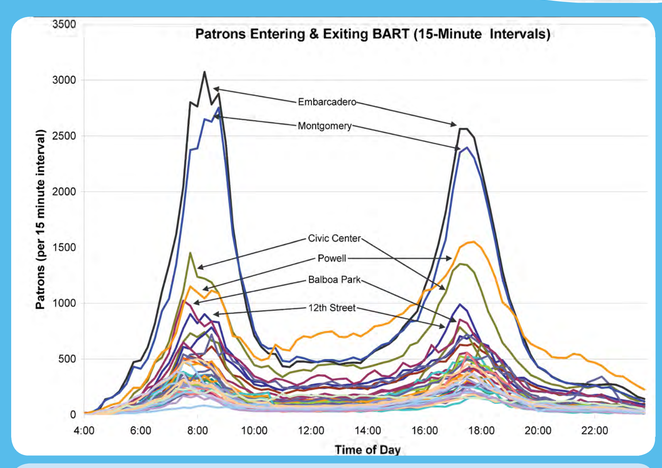
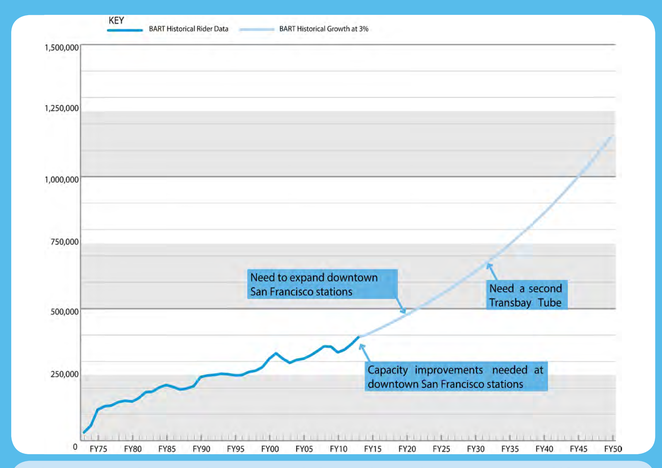
BETTER STATIONS.

UNDERSTANDING THE EXISTING CONDITIONS & CAPACITY CHALLENGES

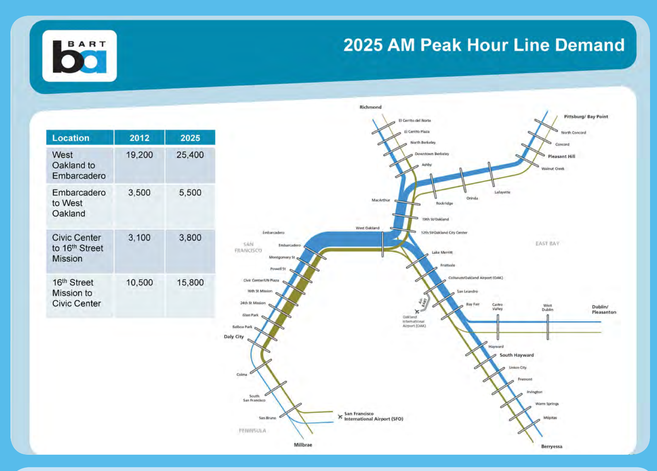
Platforms get crowded during peak evening commute times.



BART's two busiest stations are Embarcadero and Montgomery.



The number of BART riders has been steadily increasing and ridership growth is expected to continue.

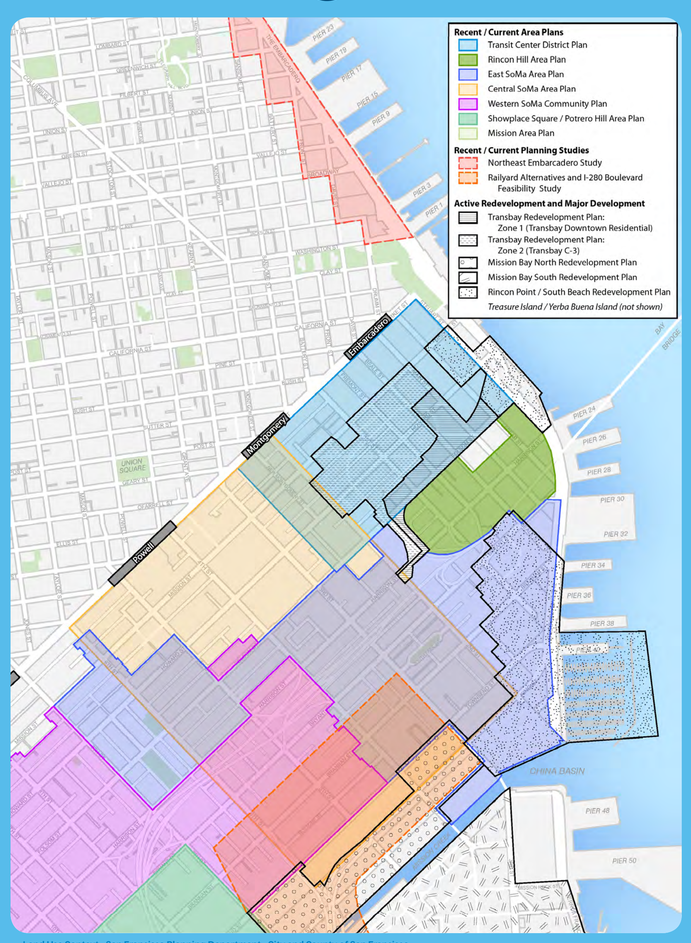


Location	2012	2025
West Oakland to Embarcadero	19,200	25,400
Embarcadero to West Oakland	3,500	5,500
Civic Center to 16th Street Mission	3,100	3,800
16th Street Mission to Civic Center	10,500	15,800

The demand for BART during peak morning hours is forecast to continually increase. Above is a preview of the year 2025.

Long lines develop at stairs and escalators during peak morning commute times.

Planning Context


Recent / Current Area Plans
Transit Center District Plan
Rincon Hill Area Plan
East SoMa Area Plan
Central SoMa Area Plan
Western SoMa Community Plan
Showplace Square / Potrero Hill Area Plan
Mission Area Plan
Recent / Current Planning Studies
Northeast Embarcadero Study
Railyard Alternatives and I-280 Boulevard Feasibility Study
Active Redevelopment and Major Development
Transbay Redevelopment Plan: Zone 1 (Transbay Downtown Residential)
Transbay Redevelopment Plan: Zone 2 (Transbay C-3)
Mission Bay North Redevelopment Plan
Mission Bay South Redevelopment Plan
Rincon Point / South Beach Redevelopment Plan
Treasure Island / Yerba Buena Island (not shown)
Embarcadero
Montgomery
Powell
UNION SQUARE
CHINA BASIN
PIER 50
PIER 48

Land Use Context - San Francisco Planning Department - City and County of San Francisco

The Transbay Transit Center Project.

Major planned development projects in the South of Market area are projected to bring additional ridership.

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BETTER STATIONS.

CAPACITY IMPROVEMENT ALTERNATIVES

Photo Credit: Hortondoors Toronto Pearson PSD

Photo Credit: NY Times 20070405

Platform screen doors

Platform doors increase capacity and safety on very crowded station platforms.

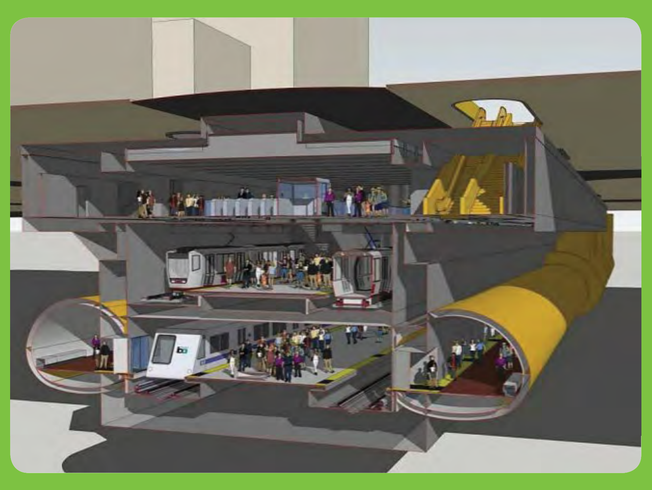
Photo Credit: Nelson Cunnington Flicker 2007 - platform doors in Tokyo

A new glass elevator at the Lake Merritt BART Station.

New elevator

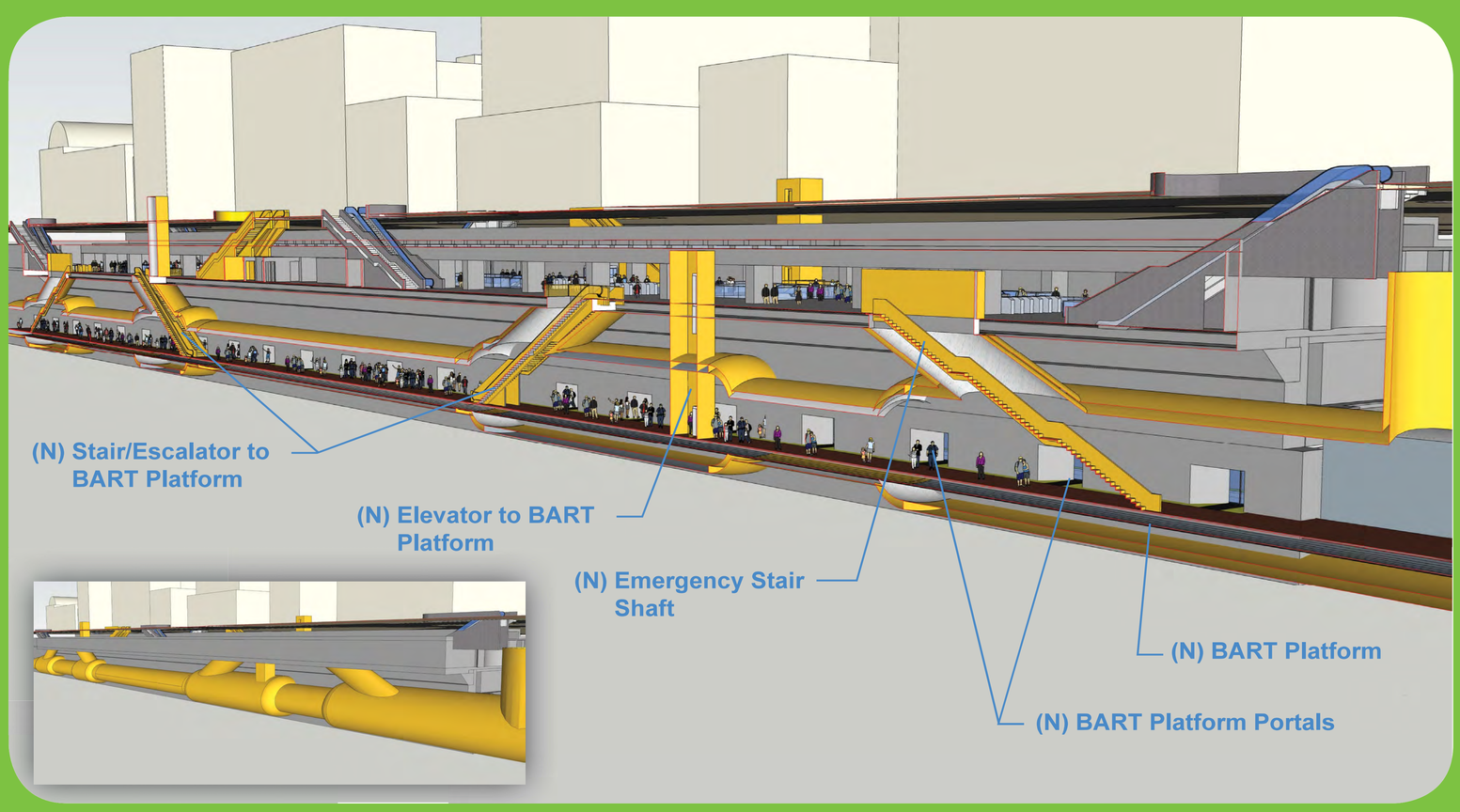
An additional higher capacity elevator is planned on the east end of Embarcadero between the concourse and the platform.

A potential location for the new elevator.



New side platforms

New side platforms on the opposite side of the existing tracks would alleviate crowding by providing additional platform space.


(N) Stair/Escalator to BART Platform
(N) Elevator to BART Platform
(N) Emergency Stair Shaft
(N) BART Platform
(N) BART Platform Portals

New stairs, escalators, and elevators would also be added.

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BETTER STATIONS.

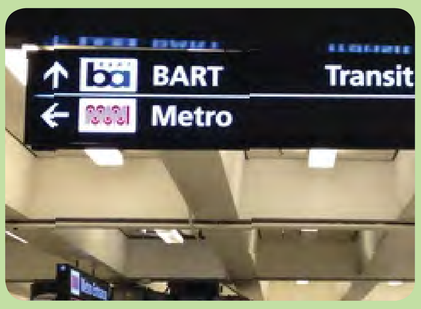
STATION MODERNIZATION OPTIONS
CHOOSE YOUR TOP 3 PRIORITIES

Station Brightening - *Improve station cleanliness and upkeep.*

Additional / Improved Lighting - *Improve lighting within the station.*

"Fix & Modernize" - *Repair and improve station elements, addressing function and design.*

Space Planning - *Re-think how to use space within the station, including station retail and services.*



Signage - *Improve signs to make the station easier to use and navigate.*

Real-Time Information - *Provide real-time information at street level entry.*

Additional Faregates - *Relocate and add faregates.*

Canopies - *Protect escalators and passengers from weather and improve security.*

Redesigned Platform Seating
- Redesign seating for more efficient use of floor space.

BART

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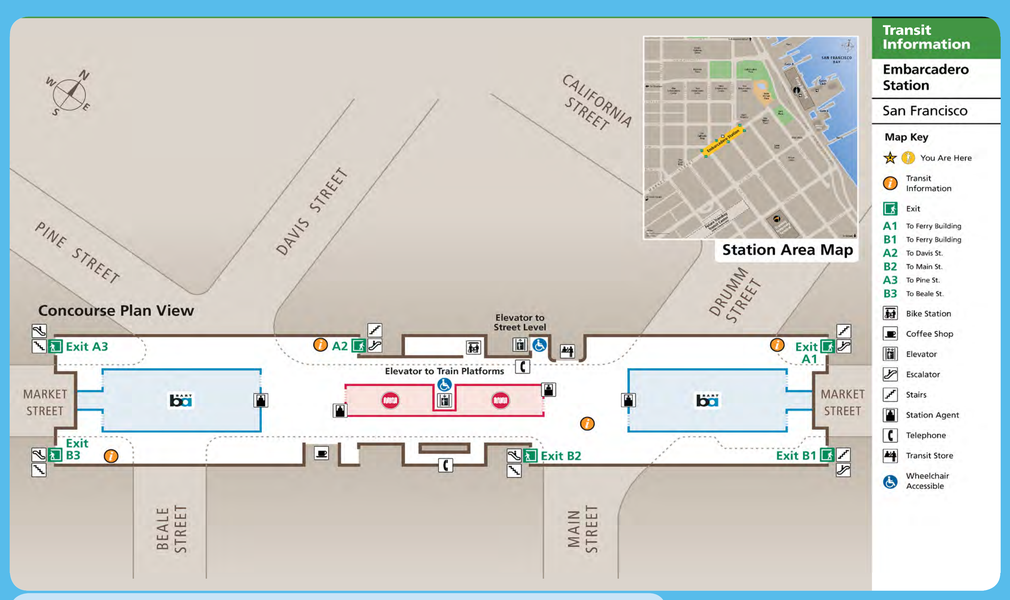
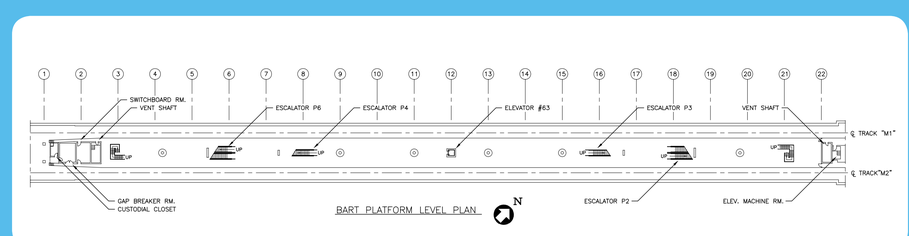
BETTER STATIONS.

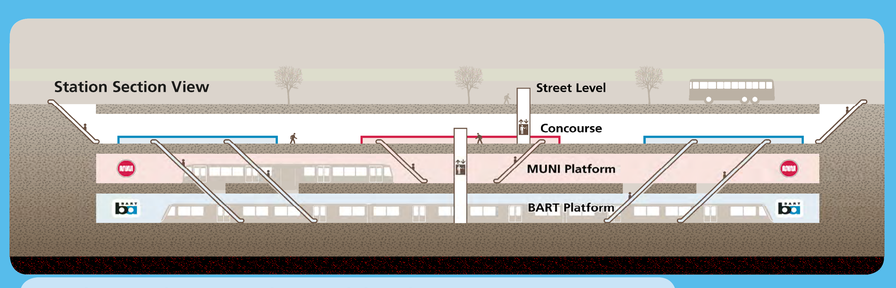
EMBARCADERO STATION MODERNIZATION



Embarcadero Station - Concourse Plan



Embarcadero Station - Platform Level Plan



Embarcadero Station - Side View

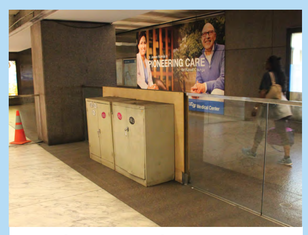
Opportunities for Improvements

Create formal storage areas

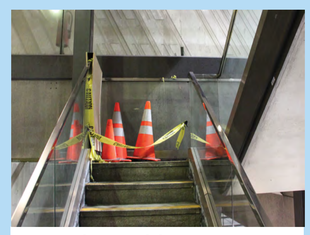
Modernize outdated light fixtures

Review need and space for public telephones on platform

Develop easy-to-read displays on platforms that take up less space

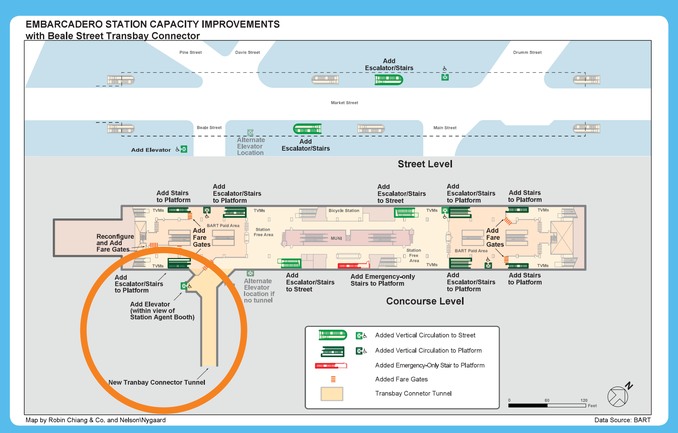


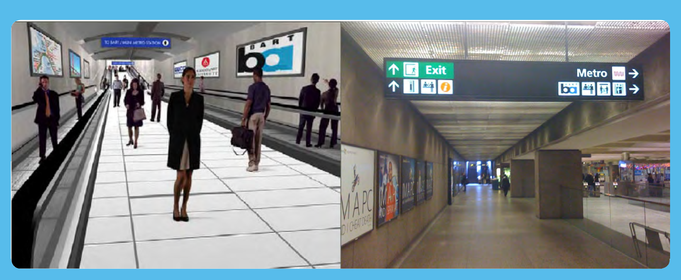
Update station storage



Repair and improve

Potential connection between Embarcadero Station and the Transbay Transit Center


EMBARCADERO STATION CAPACITY IMPROVEMENTS
with Beale Street Transbay Connector
Add Escalator/Stairs
Add Elevator
Alternate Elevator Location
Street Level
Add Stairs to Platform
Add Escalator/Stairs to Platform
Add Escalator/Stairs to Street
Reconfigure and Add Fare Gates
Add Fare Gates
Add Elevator (within view of Station Agent Booth)
Add Emergency-only Stairs to Platform
Concourse Level
New Tranbay Connector Tunnel
Added Vertical Circulation to Street
Added Vertical Circulation to Platform
Added Emergency-Only Stair to Platform
Added Fare Gates
Transbay Connetor Tunnel
Map by Robin Chiang & Co. and Nelson\Nygaard
Data Source: BART



A new tunnel with moving walkways could connect the Transbay Transit Center with the Embaracadero station.

BART … and you're there.

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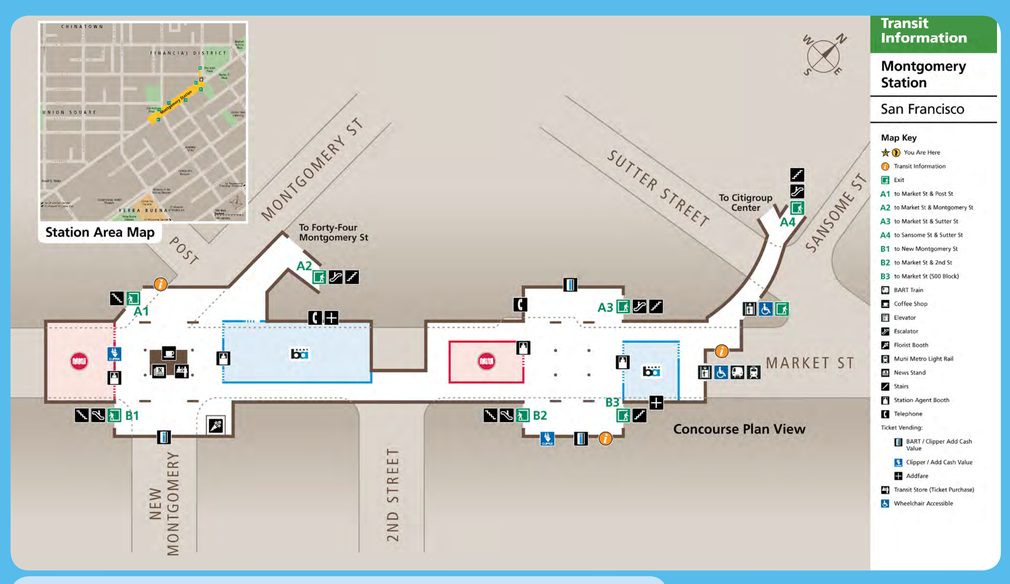
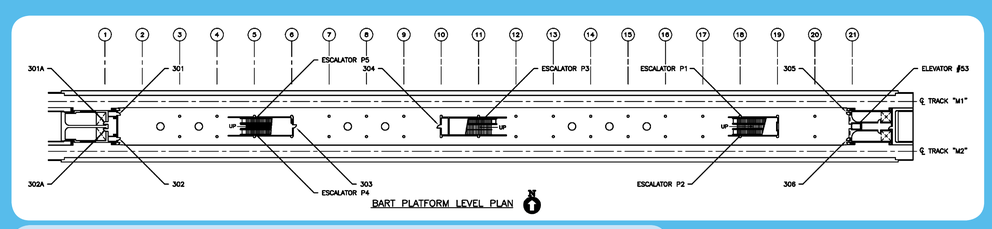
BETTER STATIONS.

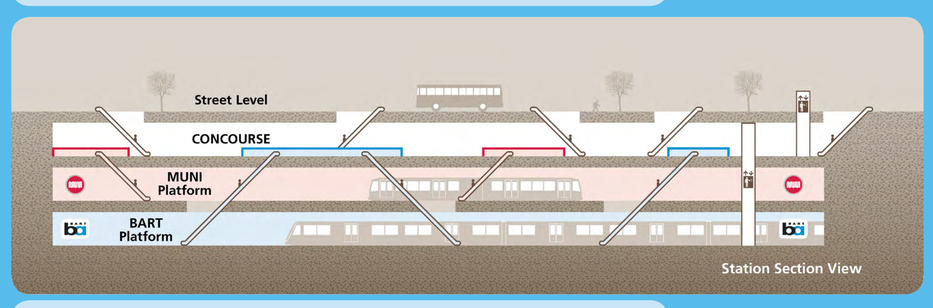
MONTGOMERY STATION MODERNIZATION



Montgomery Station - Concourse Plan



Montgomery Station - Platform Level Plan



Montgomery Station - Side View

Opportunities for Improvements

Remove residue from wrap-around advertising

Reintroduce concourse focal point

Repurpose unused vending area

Repair tiling, improve displays, and increase overall lighting

Create formal storage areas

Rendering of Better Market Street- San Francisco Department of Public Works - City and County of San Francisco

Market Street is envisioned to become a more attractive place for people to visit, promenade and linger.

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